

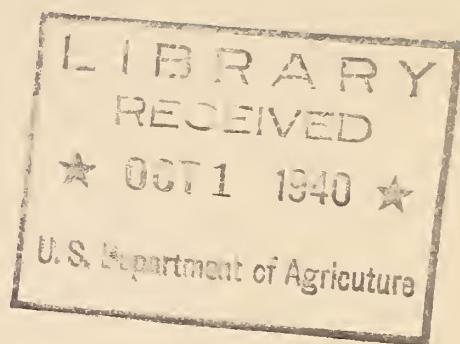
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UNITED STATES DEPARTMENT OF AGRICULTURE

Washington, D. C.



OFFICIAL GRAIN STANDARDS OF THE UNITED STATES

for

SOYBEANS

Promulgated August 16, 1940
Effective November 20, 1940

TITLE 7

UNITED STATES DEPARTMENT OF AGRICULTURE

CHAPTER 1

AGRICULTURAL MARKETING SERVICE

PART 26

GRAIN STANDARDS

Subpart - Official Grain Standards of the
United States for Soybeans 1/

By virtue of the authority vested in the Secretary of Agriculture by the United States Grain Standards Act, approved August 11, 1916 (U. S. Code, Title 7, Ch. 3, Sec. 74), as amended by the act approved July 18, 1940 (Public No. 750, 76th Congress), I, Grover B. Hill, Acting Secretary of Agriculture, do hereby fix, establish, promulgate, and give public notice of the following official grain standards of the United States for soybeans, which shall become effective on the twentieth day of November 1940. Such standards shall constitute an amendment to Part 26, Chapter 1, Title 7, of the Code of Federal Regulations by the addition of the following sections:

26.601. Terms Defined. For the purpose of the official grain standards of the United States for soybeans:

Soybeans. Soybeans shall be dry threshed soybeans which contain not more than 25 percent of foreign material.

Classes. Soybeans shall be divided into five classes as follows: Class 1, Yellow Soybeans; Class 11, Green Soybeans; Class 111, Brown Soybeans; Class IV, Black Soybeans; and Class V, Mixed Soybeans.

1/ The specifications of these standards shall not excuse failure to comply with the provisions of the Federal Food, Drug, and Cosmetic Act.

Grades. Soybeans shall be graded and designated according to the respective grade requirements of the numerical grades and Sample grade of their appropriate class.

26.602 Yellow Soybeans (Class I) Defined. This class shall include all varieties of yellow soybeans and may include not more than 5 percent of soybeans of other colors. A slight tinge of green or olive green on soybeans otherwise yellow shall not affect their classification as Yellow Soybeans.

26.603 Green Soybeans (Class II) Defined. This class shall include all varieties of green soybeans and may include not more than 5 percent of soybeans of other colors.

26.604 Brown Soybeans (Class III) Defined. This class shall include all varieties of brown soybeans and may include not more than 5 percent of soybeans of other colors.

26.605 Black Soybeans (Class IV) Defined. This class shall include all varieties of black soybeans and may include not more than 5 percent of soybeans of other colors.

26.606 Mixed Soybeans (Class V) Defined. This class shall include all mixtures of soybeans not provided for in the classes Yellow Soybeans, Green Soybeans, Brown Soybeans, and Black Soybeans. Black Eyebrow and other bicolored varieties shall be classified as Mixed Soybeans.

26.607 Soybeans grade requirements.

Grade requirements for the classes Yellow Soybeans, Green Soybeans,
Brown Soybeans, Black Soybeans, and Mixed Soybeans

Grade No.	Condition and general appearance	Mini-	mum	test	weight per bushel:	Mois- ture	Splits	aged soy- beans	eign: mater+ ial	Maximum limits of	For- Other colors
		Pounds	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
1-----	Shall be cool, of natural odor, and of good natural color.	56	15	1.0	1.5	0.5	1.0				
2-----	Shall be cool and of natural odor and may be slightly stained or mottled.	54	15	10.0	3.0	2.0	3.0				
3-----	Shall be cool and of natural odor and may be stained or mottled.	52	16.5	20.0	5.0	4.0	5.0				
4-----	Shall be cool and may be badly stained or mottled and may be slightly frosted or immature.	50	18	30.0	8.0	6.0	5.0				
Sample grade	Sample grade shall include soybeans of any one of the classes Yellow Soybeans, Green Soybeans, Brown Soybeans, Black Soybeans, or Mixed Soybeans, which do not come within the requirements of any of the grades from No. 1 to No. 4, inclusive; or which contain stones and/or cinders; or which are musty, sour, heating, or hot; or which are infested with live weevils or other insects injurious to stored grain; or which have any commercially objectionable foreign odor; or which are otherwise of distinctly low quality.										

1/ The maximum limits here given for "other colors" shall not apply to
the grading of "Mixed Soybeans".

26.608 Grade factors: definitions - (a) Basis of grade determinations. Each determination of class, general appearance, splits, damaged soybeans, and other colors, shall be upon the basis of the soybeans after the removal of foreign material. All other determinations shall be upon the basis of the soybeans including the foreign material.

(b) Percentages. Percentages, except in the case of moisture, shall be percentages ascertained by weight.

(c) Percentage of moisture. Percentage of moisture shall be that ascertained by the water oven and the method of use thereof described in Service and Regulatory Announcements, No. 147 of the Bureau of Agricultural Economics of the United States Department of Agriculture, or ascertained by any device and method which give equivalent results in the determination of moisture.

(d) Test weight per bushel. Test weight per bushel shall be the weight per Winchester bushel, as determined by the testing apparatus and the method of use thereof described in Bulletin No. 1065, dated May 18, 1922, issued by the United States Department of Agriculture, or as determined by any device and method that give equivalent results in the determination of test weight per bushel.

(e) Damaged soybeans. Damaged soybeans shall be soybeans and pieces of soybeans which are materially damaged by weather, frost, heat, insects, disease, or otherwise.

(f) Splits. Splits shall be sound pieces of soybeans, but shall not include soybeans with cracked skins only, or with less than one-fourth of the bean broken off.

(g) Foreign material. Foreign material shall be all matter other than soybeans, and shall include all undeveloped shriveled soybeans and pieces of soybeans which will pass through a metal sieve perforated with round holes 10/64 inch in diameter, and all matter other than soybeans that remains on such sieve after screening. Sound fully developed soybeans which pass through such sieve shall not be considered as foreign material.

Done at Washington, D. C.
this 16th day of August, 1940.
Witness my hand and the seal
of the Department of Agriculture.

SEAL

/s/

Grover B. Hill,
Acting Secretary.

